

In the Claims

Please cancel claim 1 without prejudice. Please enter new claim 3 below.

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (new)

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Claim 3 (new)

A non-rotating circular core cutting knife and an indexing means therefore, comprising;

- a) a circular knife defining a central orifice and a positional index adjacent to the central orifice,
- b) a knife mounting mandrel sized to pass through and closely fit the central orifice,
- c) a positional index engaging means (41) secured to the mandrel,
- d) a means for securing the knife in place on the mandrel,
- e) a worm gear secured to the mandrel,
- f) a worm shaft having as a part thereof a worm and the worm is operably engaged with the worm gear,

g) an overrunning coupling operably secured to the worm shaft so that the coupling in an engaged portion of a cycle, indexes the knife in the direction of rotation of a core being cut,

h) a means (17) for counting cutting cycles of the knife and a means (18) for counting indexing cycles of the indexing means,

i) a means (18) for activating the knife indexing means when a preset number of cutting cycles has been completed and a means (38) for terminating cutting operations when a predetermined number of indexing cycles has been completed and a predetermined number of cutting cycles has been completed.